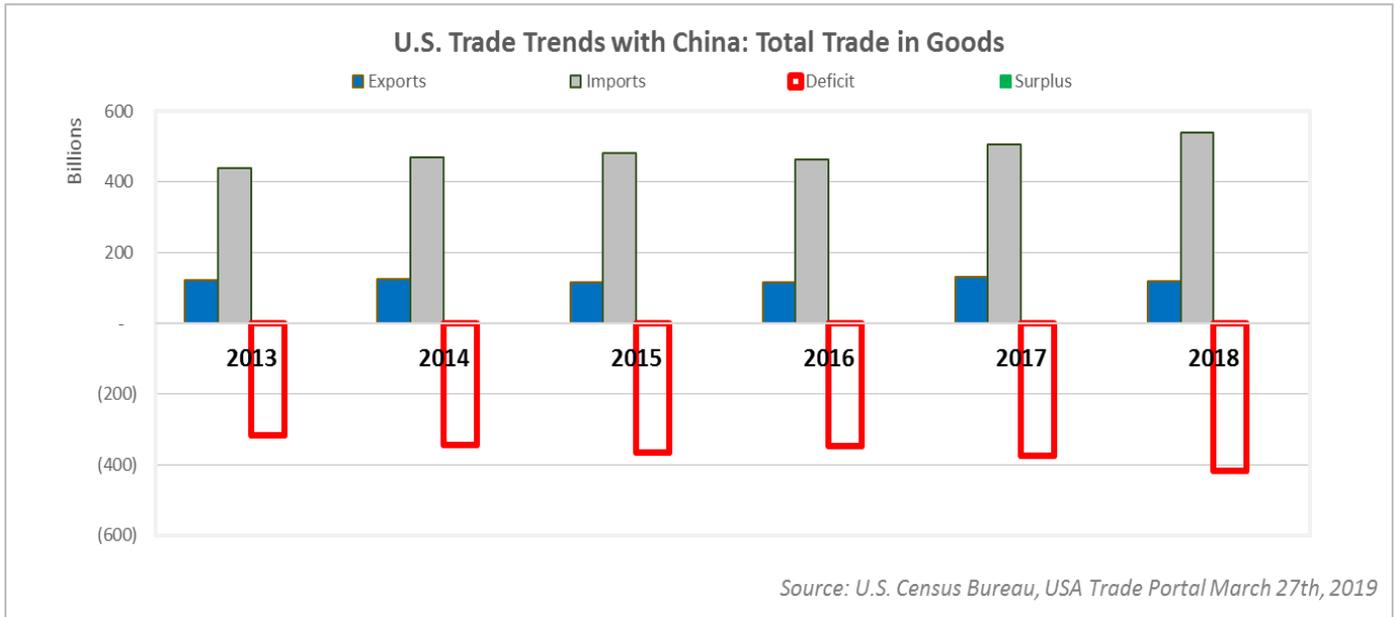




I. Total U.S. Trade in goods with China

In 2018, U.S. exports to China totaled \$120.3 billion, a 7.4% (\$9.6 billion) decrease from 2017; U.S. imports from China totaled \$539.5 billion, a 6.7% (\$34.1 billion) increase; and the trade deficit was \$419.2 billion, an 11.6% (\$43.6 billion) increase.



In 2018, the level of U.S. imports from China exceeded the prior five-year average level by value not adjusted for inflation. The level of exports to China for 2018 was below the five-year average by value. In 2018, the U.S. trade balance with China was negative.

Calendar Year	2013	2014	2015	2016	2017	2018	2013 - 2017 Average
EXPORTS	\$121.7 B	\$123.6 B	\$115.8 B	\$115.5 B	\$129.8 B	\$120.3 B	\$121.3 B
Δvalue	--	\$1.9 B	\$-7.8 B	\$-327.9 M	\$14.3 B	\$-9.6 B	
Δpct	--	1.6%	-6.3%	-0.3%	12.4%	-7.4%	
IMPORTS	\$440.4 B	\$468.4 B	\$483.2 B	\$462.5 B	\$505.4 B	\$539.5 B	\$472 B
Δvalue	--	\$28 B	\$14.7 B	\$-20.7 B	\$42.9 B	\$34 B	
Δpct	--	6.4%	3.1%	-4.3%	9.3%	6.7%	
BALANCE	\$-318.7 B	\$-344.9 B	\$-367.4 B	\$-347 B	\$-375.6 B	\$-419.2 B	\$-350.7 B
Δvalue	--	\$-26.2 B	\$-22.52 B	\$20.3 B	\$-28.6 B	\$-43.6 B	
Δpct	--	8.2%	6.5%	-5.5%	8.2%	11.6%	

Source: U.S. Census Bureau, USA Trade Portal March 27th, 2019; Value of Data in M = millions; B = billions



In 2018, of the \$120.3 billion in U.S. exports to China, the top commodity sectors were Transportation Equipment (23.0%); Machinery and Mechanical Appliances (22.5%), and Chemicals, Plastics, Leather Goods (16.4%).

In 2018, of the \$539.5 billion in U.S. imports from China, the top commodity sectors were Machinery and Mechanical Appliances (49.8%); Miscellaneous Manufactured Items (12.0%) and textiles and footwear (10.9%).

2018 U.S. Imports from China by Sector	2018 U.S. Commodity Trade With China	2018 U.S. Exports to China by Sector
\$539,503,427,742	Total Value All Commodities	\$120,341,425,641
1.4%	Agriculture (Chapters 01-24)	7.2%
0.2%	Minerals (Chapters 25-27)	8.0%
9.1%	Chemicals, Plastics, Leather (Chapters 28-43)	16.4%
1.9%	Wood Products (Chapters 44-49)	5.7%
10.9%	Textiles and Footwear (Chapters 50-67)	1.6%
2.1%	Stone, Glass, & Semiprecious Metals (Chapters 68-71)	2.1%
5.2%	Base metals (Chapters 72-83)	4.0%
49.8%	Machinery (Chapters 84-85)	22.5%
3.4%	Transportation (Chapters 86-89)	23.0%
2.6%	Optical, Measuring, Medical or Other Instruments (Chapters 90-92)	8.2%
0.0%	Arms & Ammunition (Chapter 93)	0.0%
12.0%	Miscellaneous Manufactured Items (Chapters 94-96)	0.5%
0.1%	Art & Antiques (Chapter 97)	0.1%
1.3%	Special Items (Chapters 98-99** Imports only 99)	0.9%

Source: U.S. Census Bureau, USA Trade Portal March 27th, 2019

China maintains significant share of the U.S. – World Trade. In 2018, 7.2 % of total U.S. exports of \$1.7 trillion to the world were exported to China and 21.2% of total U.S. Imports of \$2.5 trillion were imported from China.

Exports

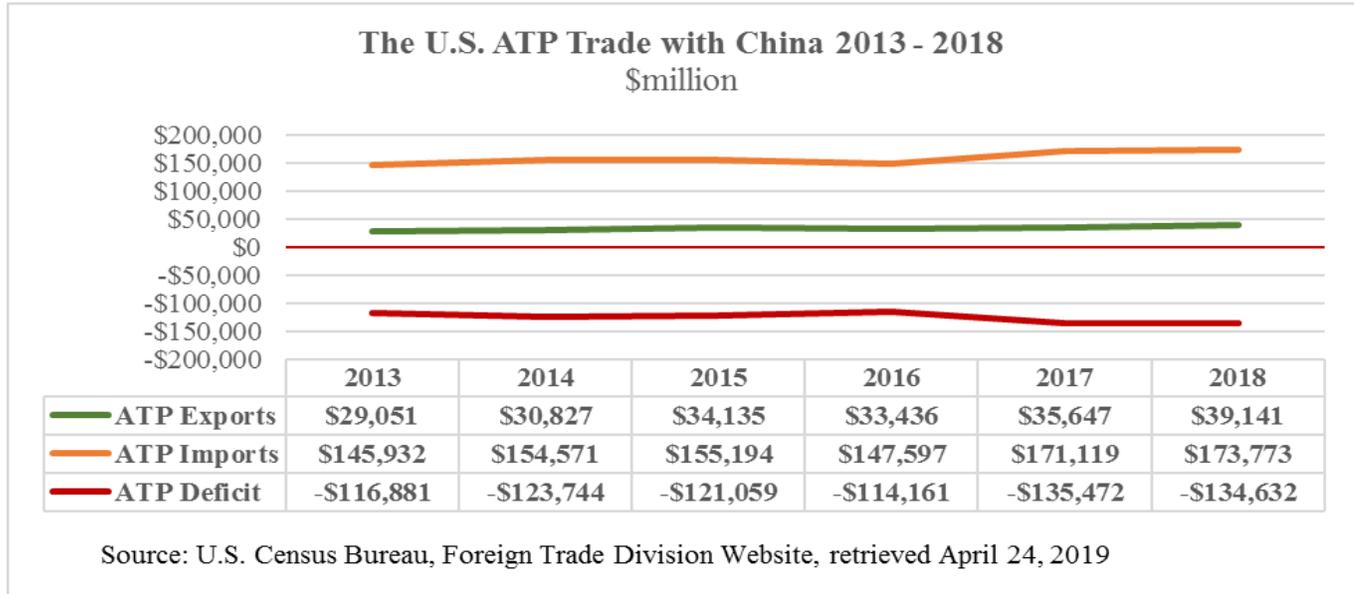
In 2018, the U.S. exported \$6.8 billion worth of Wood Products to China, representing 17.0% of the total U.S. exports to the World of those commodities; and the U.S exports of \$9.8 billion worth of Optical, Measuring, Medical or Other Instruments to China, represented 10.7% of the total U.S. exports to the World of those commodities. Additionally, the U.S. exported \$27.7 billion worth of Transportation Equipment, representing 10.0% of the total U.S. exports of those commodities.

Imports

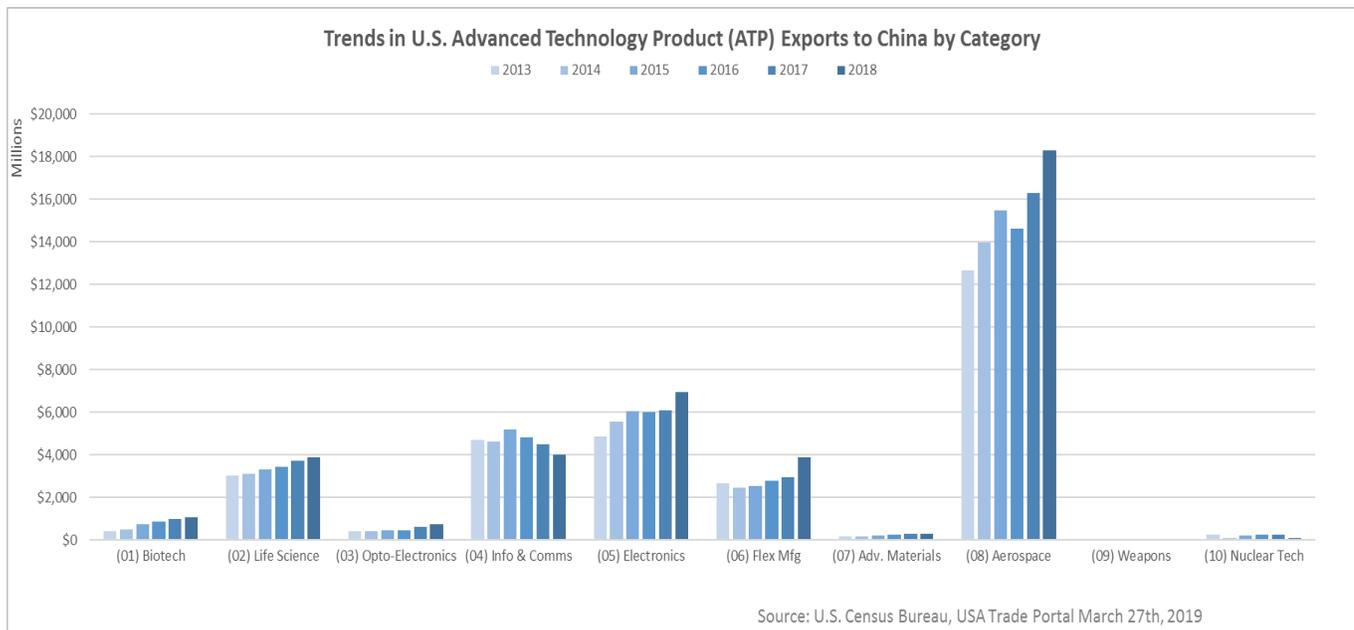
In 2018, the U.S. imported \$64.9 billion worth of furniture, bedding, lamps, toys, games, sport equipment, paint and other miscellaneous manufactured items from China, representing 60.9% of the total U.S. imports of those commodities; and the U.S. imports of \$58.6 billion worth of Textiles and Footwear represented 39.8% of total U.S. imports of those commodities. Additionally, the U.S. imported \$268.5 billion worth of Machinery and Mechanical Appliances from China, representing 36.3% of the total U.S. imports of those commodities.



In 2018, the U.S. Advanced Technology Products (ATP)¹ exports to China were \$39.1 billion, a 9.8% increase (\$3.5 billion) from 2017; the U.S. ATP imports were \$173.8 billion, a 1.6% (\$2.7 billion) increase; and the ATP trade deficit was \$134.6 billion, a 0.6% decrease (\$840 million less).



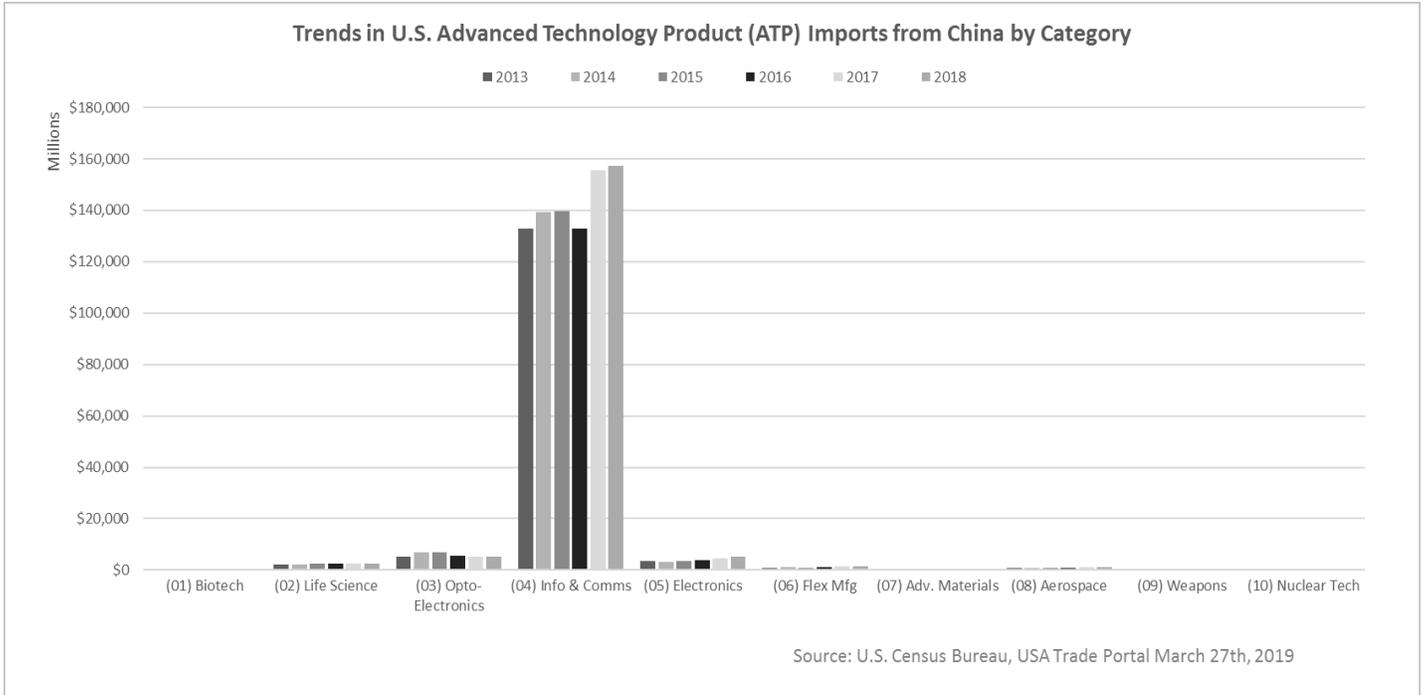
In 2018, the largest categories of the U.S. ATP exports were Aerospace with \$18.3 billion, followed by Electronics with \$6.9 billion and Information & Communications with \$4.0 billion.



¹ Advanced Technology Products: About 500 of some 22,000-export commodity classification codes contain products from a recognized high technology category (e.g. Biotechnology).



In 2018, the largest categories of the U.S. ATP imports from China were Information & Communications with \$157.1 billion.





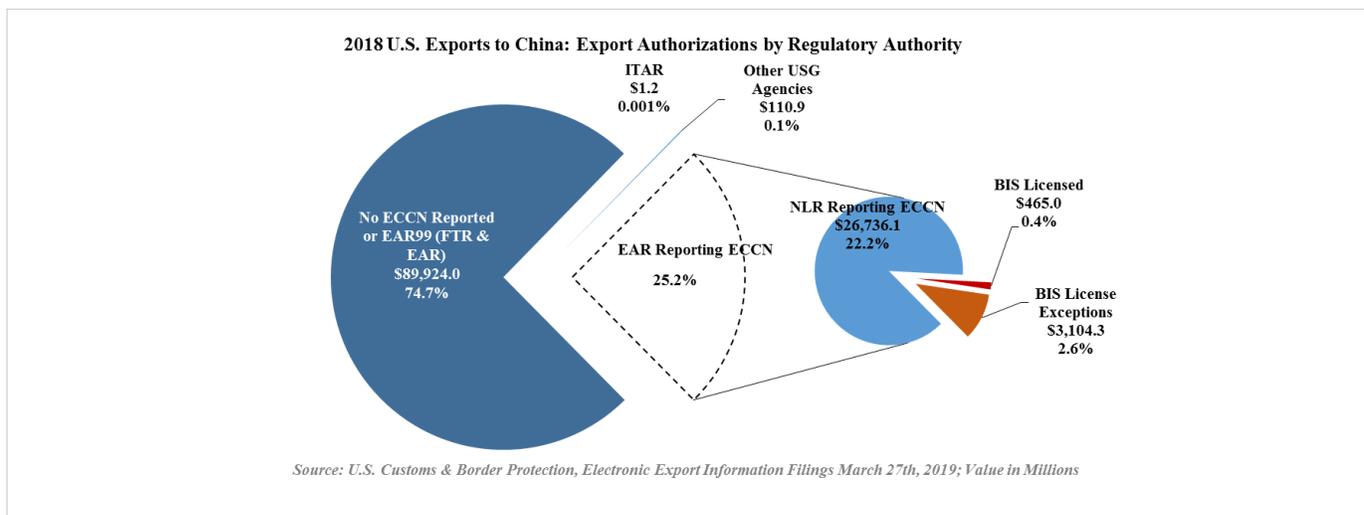
II. U.S. Exports to China subject to U.S. Government Filing Requirements

- In 2018, of the \$120.3 billion in U.S. exports to China:
 - 3.0% were subject to a BIS license requirement
 - 0.4% were exported under a BIS license; Worldwide, 0.4% were exported under a BIS license.
 - 2.6% were exported under a BIS license exception; Worldwide, 1.2% were exported under a BIS license exception.
 - 22.2% were exported under No License Required with an ECCN; Worldwide, 12.1% were exported under No License Required with an ECCN.

Trends in U.S. Exports to China by Regulatory Authority				
		2016	2017	2018
	Department of State	\$0.7	\$0.4	\$1.2
	Other USG Agencies	\$450.0	\$287.2	\$110.9
	Department of Commerce	\$115,094.8	\$129,606.0	\$120,229.3
	BIS Licensed	\$304.0	\$300.5	\$465.0
	BIS License Exceptions	\$4,002.9	\$2,449.3	\$3,104.3
	NLR reporting an ECCN	\$20,731.6	\$23,207.2	\$26,736.1
	NLR reporting EAR99	\$34,913.0	\$43,938.4	\$45,822.2
	NLR not reporting an ECCN	\$55,143.3	\$59,710.7	\$44,101.8
	600-Series ".Y" Paragraph NLR	\$0.0	\$0.0	\$0.0

Value in Millions; Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

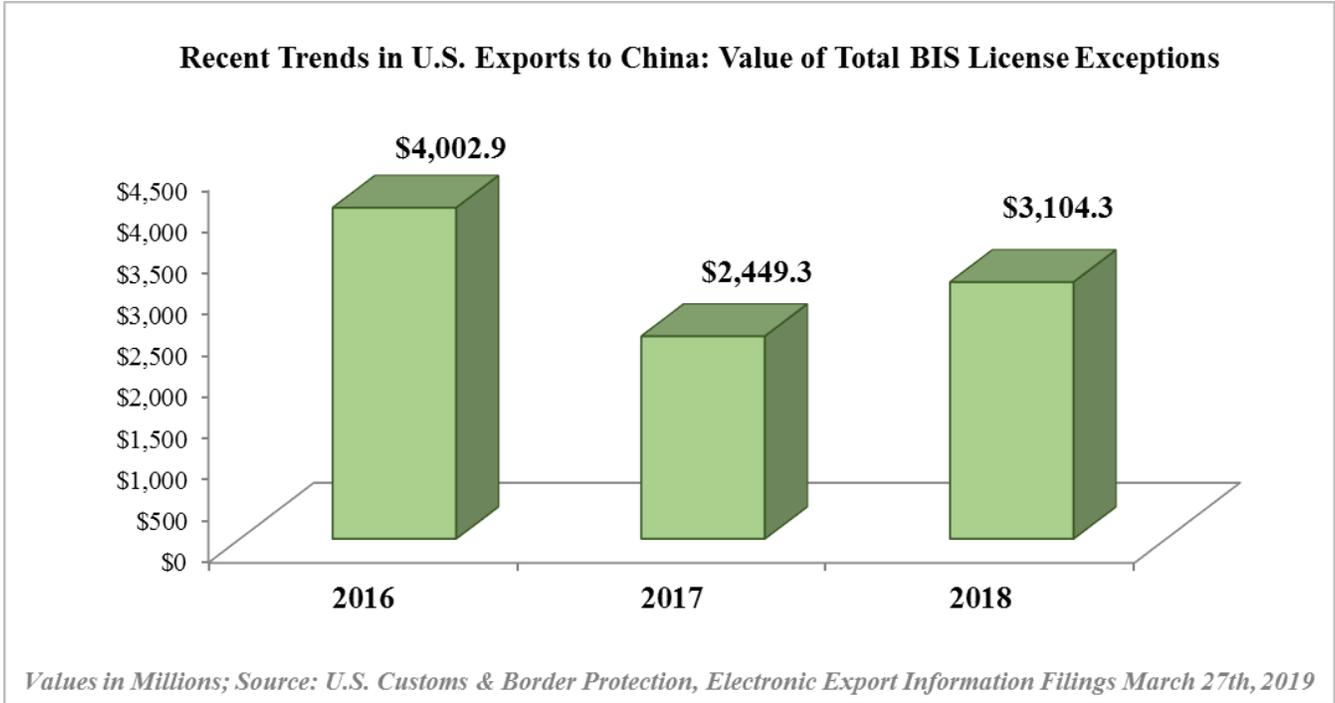
Reasons for Control	Chemical and Biological Weapons			Nuclear Nonproliferation		National Security		Missile Tech	Regional Stability		Firearms Convention	Crime Control			Anti-Terrorism	
	CB:1	CB:2	CB:3	NP:1	NP:2	NS:1	NS:2	MT:1	RS:1	RS:2	FC:1	CC:1	CC:2	CC:3	AT:1	AT:2
China	X	X	X	X		X	X	X	X	X		X		X		



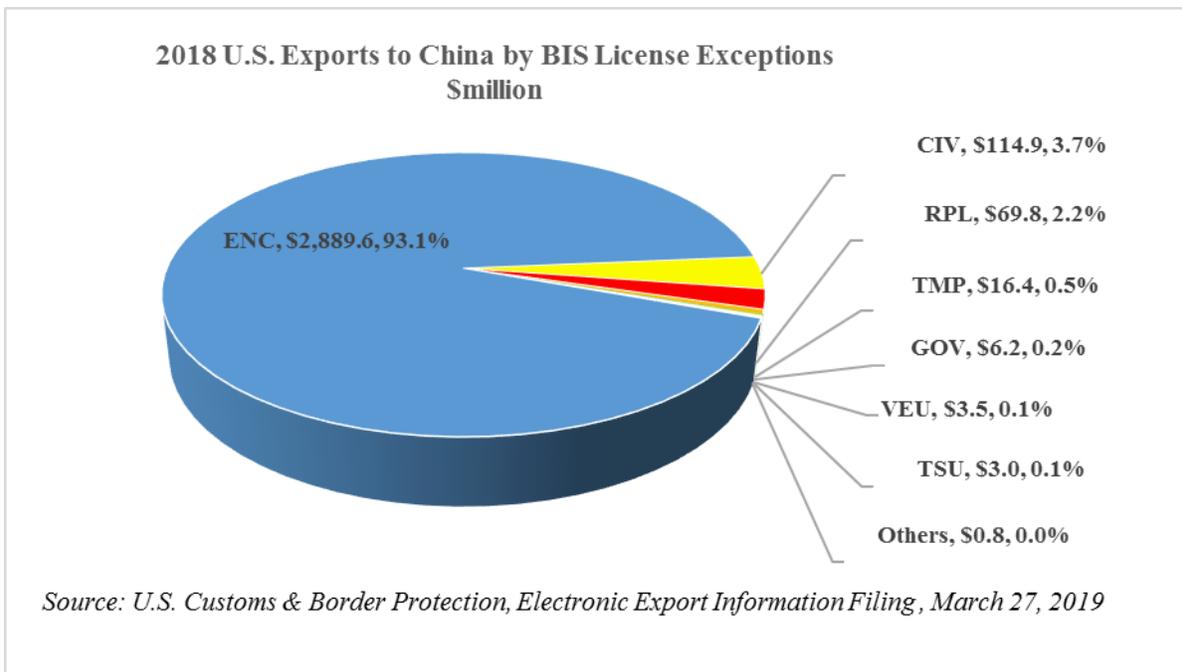


U.S. Exports to China

In 2018, U.S. exports to China shipped under a BIS license exception totaled \$3,104.3 million, a 26.7% (\$655.0 million) increase from 2017.

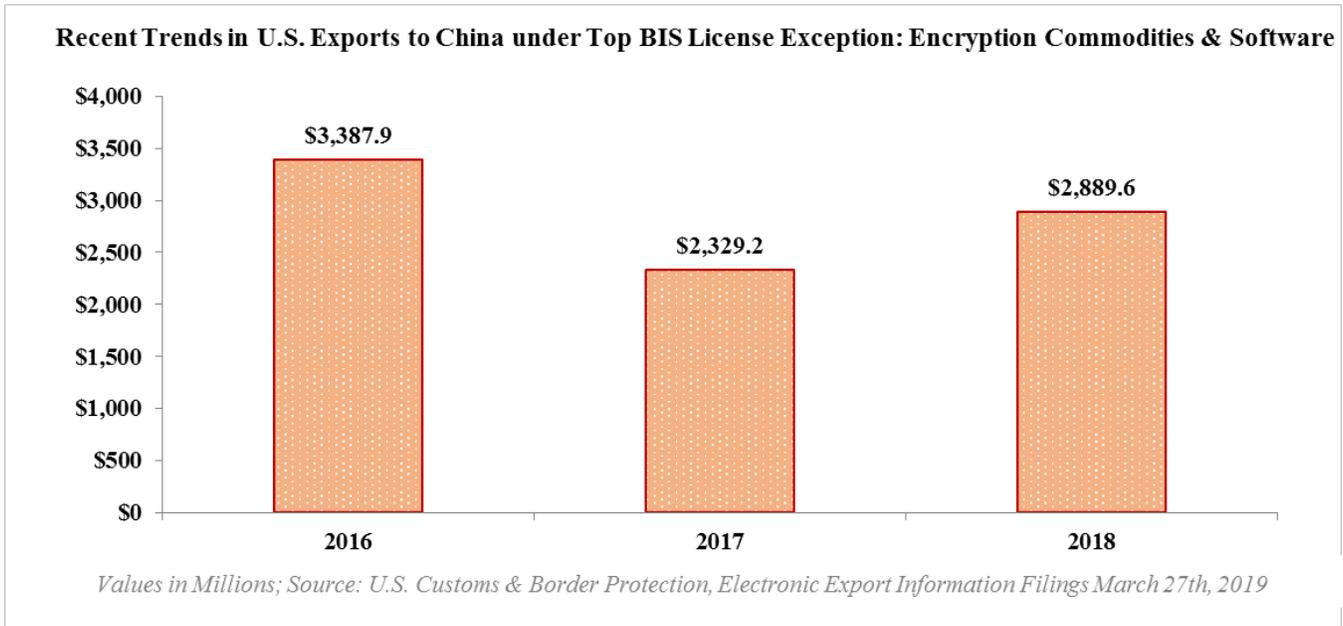
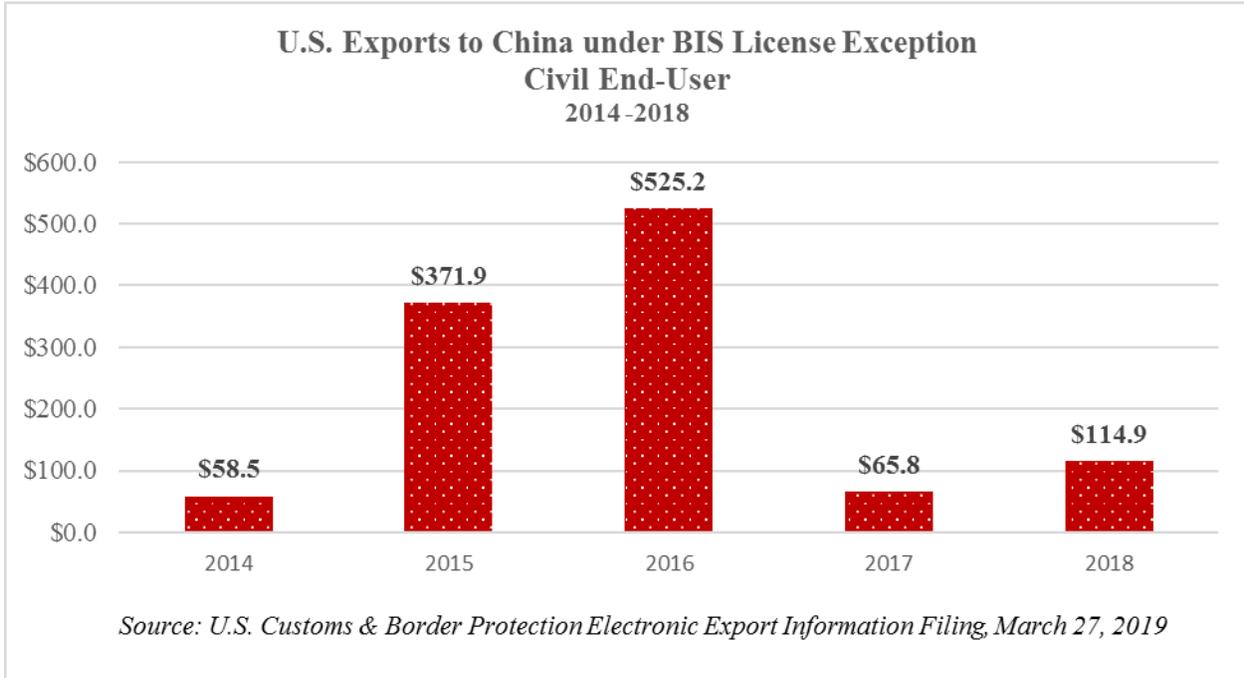


In 2018, the top license exception Encryption commodities, Software and Technology (ENC) totaled \$2.9 billion (93.1% of all license exceptions), followed by Civil End-Users totaled \$114.9 million (3.7%).



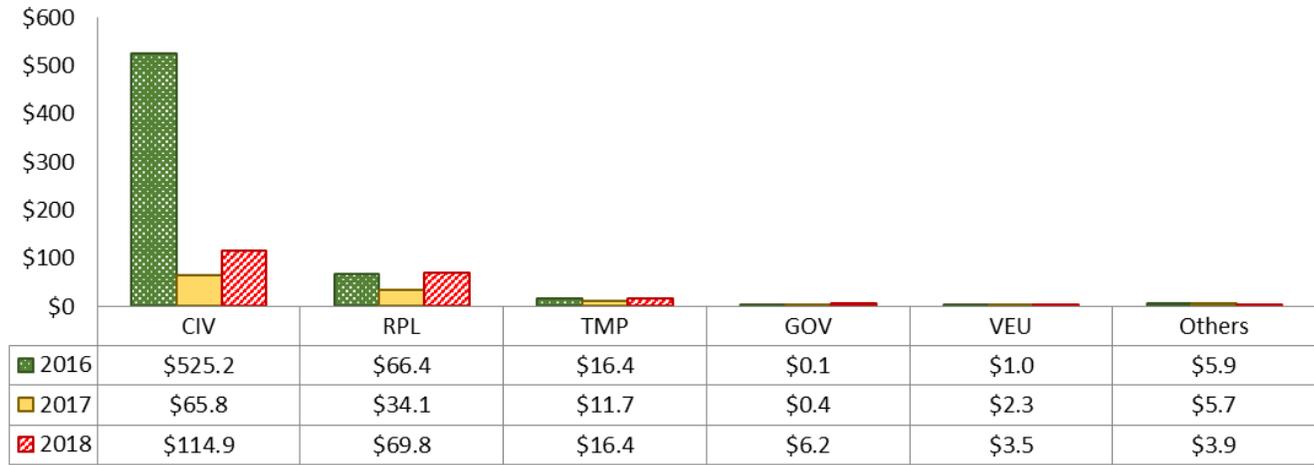


U.S. Exports to China





Trends in U.S. Exports to China under Top 5 BIS License Exceptions excluding: Encryption Commodities & Software



Note: The BIS License Exception for Encryption Commodities & Software is excluded from this chart

Values in Millions; Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019



Top Ten ECCNs by Value to China		
LICENSED	#1	3A233 Mass Spectrometers
	#2	9A001 Aero Gas Turbine Engines
	#3	6A005 Optical Equip. (Lasers)
	#4	2B350 Chemical Manufacturing Facilities and Equip.
	#5	2B001 Machine tools/Numerical Control Units
	#6	1B001 Equip. for Production of Fibers, Preforms Or Co
	#7	2B352 Equip. for Handling Biological Materials
	#8	2B230 Pressure Transducers
	#9	3C002 Resist Materials
	#10	7A103 Instrumentation, Navigation Equip./Systems Not

Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

Top Ten ECCNs by Value to Albania Under a BIS License Exception (\$millions)		
EXCEPTIONS	#1	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2	3A001 Electronic Components
	#3	9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A101 ...
	#4	3B001 Epitaxial Equip. for Semiconductors
	#5	"Information Security" Test, Inspection and "Production" Equipment
	#6	"Software" as follows (see List of Items Controlled)
	#7	No ECCN No ECCN is required for License Exceptions TMP*
	#8	7A103 Instrumentation, Navigation Equip./Systems Not
	#9	EAR99 Items subject to the EAR that are not elsewhere controlled
	#10	1C006 Fluids and Lubricating Materials

Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

*Note: No ECCN is Required for License Exception TMP per EAR 758.1(g)(2)

Top Ten ECCNs by Value to Albania not subject to a BIS License Requirement (\$millions)		
NLR with ECCN	#1	9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A101 ...
	#2	3B991 Other Mfg/Test Equip. Not Controlled By 3B
	#3	5A992 Equipment not controlled by 5A002
	#4	5A991 Telecommunication Equip. Not Controlled by 5A001
	#5	3B992 Equip. for the Inspection/Testing of Components not Controlled by 3B002
	#6	3A999 Specific Processing Equip., N.E.S.
	#7	3A991 Electronic Devices and Components
	#8	4A994 Computers Not Controlled By 4A001 or 4A003
	#9	3A992 General Purpose Electronic Equip. Note Controlled by 3A002
	#10	7A994 Other Navigation Direction Finding Equip. ... Not Controlled under 7A003

Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

NOTE: ECCN Descriptions have been truncated; please review Commerce Control List for Full Description



Top Ten ECCNs by Count to China		
LICENSED	#1	2B230 Pressure Transducers
	#2	2B350 Chemical Manufacturing Facilities and Equip.
	#3	6A005 Optical Equip. (Lasers)
	#4	3A233 Mass Spectrometers
	#5	3A001 Electronic Components
	#6	2B352 Equip. for Handling Biological Materials
	#7	9A610 Military Aircraft and Related Commodities
	#8	1A004 Protective and Detection Equip.
	#9	1C202 Alloys other than those controlled by 1C002.b.3 or 1C002.b.4 as follows ...
	#10	3C004 Hydrides of Phosphorus, Arsenic, Or Antimony

Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

Top Ten ECCNs by Count to Albania Under a BIS License Exception		
EXCEPTIONS	#1	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2	9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A101 ...
	#3	5D002 "Software" as follows (see List of Items Controlled)
	#4	EAR99 Items subject to the EAR that are not elsewhere controlled
	#5	3A001 Electronic Components
	#6	7A103 Instrumentation, Navigation Equip./Systems Not
	#7	5B002 "Information Security" Test, Inspection and "Production" Equipment
	#8	2B230 Pressure Transducers
	#9	3B001 Epitaxial Equip. for Semiconductors
	#10	1C006 Fluids and Lubricating Materials

Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

Top Ten ECCNs by Count to Albania not subject to a BIS License Requirement		
NLR with ECCN	#1	5A992 Equipment not controlled by 5A002
	#2	9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A101 ...
	#3	5A991 Telecommunication Equip. Not Controlled by 5A001
	#4	3B991 Other Mfg/Test Equip. Not Controlled By 3B
	#5	3A991 Electronic Devices and Components
	#6	3A992 General Purpose Electronic Equip. Note Controlled by 3A002
	#7	3A999 Specific Processing Equip., N.E.S.
	#8	4A994 Computers Not Controlled By 4A001 or 4A003
	#9	7A994 Other Navigation Direction Finding Equip. ... Not Controlled under 7A003
	#10	3B992 Equip. for the Inspection/Testing of Components not Controlled by 3B002

Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

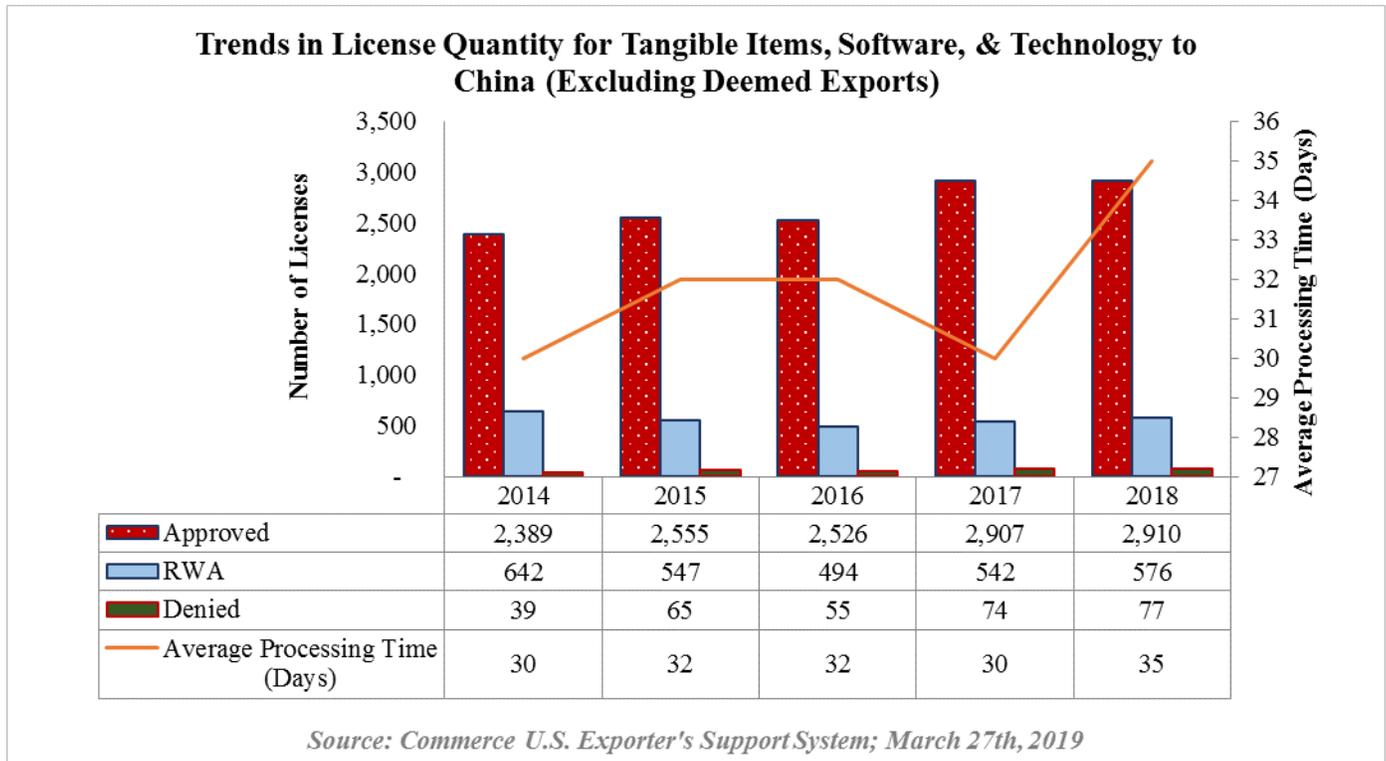
NOTE: ECCN Descriptions have been truncated; please review Commerce Control List for Full Description



III. BIS Licensing to China

In 2018, BIS reviewed 3,563 export/re-export applications (not including deemed export applications) valued at \$3.5 billion for China, out of a total of 33,844 applications worldwide valued at \$81.3 billion.

– Approved applications for China totaled 2,910 (81.7% of the total applications) for \$2.5 billion, compared to the 29,032 (85.8%) approved applications for all destinations that totaled \$64.3 billion.



In 2018, BIS reviewed 410 deemed export applications from Chinese nationals, 40.7% of 1,007 applications worldwide. Applications from Chinese nationals significantly reduced from 816 in 2017 and 820 in 2016, respectively.

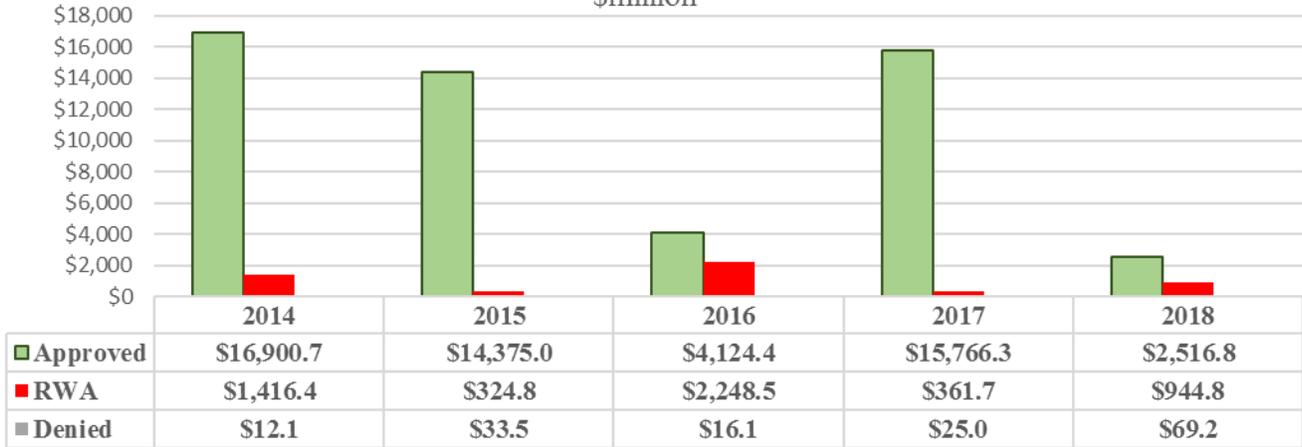
– Approved applications for Chinese nationals totaled 350 (85.4% of the total applications), compared to 846 (91.5%) approved applications for all destinations.

Deemed Export Licenses for Chinese Nationals				
2014 - 2018				
	Approved	RWA	Denied	Total
2014	633	15	2	650
2015	708	27	4	739
2016	799	19	2	820
2017	771	40	5	816
2018	350	60	0	410

Source: Commerce U.S. Exports Exporter Support System, retrieved April 19, 2019



Trends in License Values for Tangible Items, Software, & Technology for China
\$million



Source: Commerce U.S. Exporter's Support System, April 15, 2019